Exam. Code : 105701
Subject Code : 8102

B.Sc. Information Technology 1st Sem. (Old Sylb. 2016)
C PROGRAMMING PART–I

Paper—II

Time Allowed—3 Hours]   [Maximum Marks—75

Note :– Attempt any **FIVE** questions. All questions carry equal marks.

1. What do you mean by login development tools ? Discuss any three in detail giving suitable examples. 15

2. Differentiate the following :
   (a) Reserve word and keyword 5
   (b) Variable and constant. 5
   (c) Library function and user defined function. 5

3. What are the various types of operators available in C ? Discuss in detail with suitable examples. 15

4. What are the various formatted and unformatted input output functions available in C ? Explain giving examples. 15

5. What are decision control statements ? Explain in detail giving suitable examples. 15

6. What do you mean by recursion ? What are its advantages and disadvantages ? Write a recursive function to print the factorial of a given number. 15

7. Write a program to count number of vowels in a given text. 15

8. Write a program to print the multiplication table of given number N. 15

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